

PhD THESIS

- Probabilistic Reasoning for Complex Systems, A.J. Pfeffer. PhD Thesis, Stanford University, January 2000.
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BOOK CHAPTERS

The Design and Implementation of IBAL: A General-Purpose Probabilistic Language,
A. Pfeffer.
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Learning Probabilistic Relational Models,
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In *Relational Data Mining*, S. Dzeroski and N. Lavrac, Eds, Springer-Verlag 2001.

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- Representations and Solutions for Game-Theoretic Problems, D. Koller and A.J. Pfeffer. *Artificial Intelligence*, 94(1), July 1997, pages 167--215.
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- Global/Local Dynamic Models
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- Approximate Separability for Weak Interaction in Dynamic Systems
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- Predicting People's Bidding Behavior in Negotiation
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- Signal to Score Music Transcription Using Graphical Models
Emir Kapanci and Avi Pfeffer
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- Continuous Time Particle Filtering
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Proceedings of the 19th International Joint Conference on Artificial Intelligence (IJCAI), Edinburgh, August 2005.
- Functional Specification of Probabilistic Process Models
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- Asynchronous Dynamic Bayesian Networks
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- Factored Particle Filtering for Data Fusion and Situation Assessment in Urban Environments
Subrata Das, David Lawless, Brenda Ng and Avi Pfeffer
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- Emir Kapanci and Avi Pfeffer,
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- Social preferences in relational context
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 - Reasoning about Rationality and Beliefs
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 - Loopy Belief Propagation as a Basis for Communication in Sensor Networks
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 - A Language for Representing Agents' Decision Making Processes in Games
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 - Learning Style-Specific Rhythmic Structures
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 - Factored Particles for Scalable Monitoring
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- Object-Oriented Bayesian Networks, D. Koller and A. Pfeffer. *Proceedings of the 13th Annual Conference on Uncertainty in AI (UAI)*, Providence, Rhode Island, August 1997, pages 302--313.
- Effective Bayesian Inference for Stochastic Programs, D. Koller, D. McAllester, and A. Pfeffer. *Proceedings of the 14th National Conference on Artificial Intelligence (AAAI)*, Providence, Rhode Island, August 1997, pages 740--747.
- P-Classic: A tractable probabilistic description logic, D. Koller, A. Levy, and A. Pfeffer. *Proceedings of the 14th National Conference on Artificial Intelligence (AAAI)*, Providence, Rhode Island, August 1997, pages 390--397.
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- Generating and solving imperfect information games, D. Koller and A.J. Pfeffer. *Proceedings of the 14th International Joint Conference on Artificial Intelligence (IJCAI)*, Montreal, Canada, August 1995, pages 1185--1192.
- Generalized Search Trees for Database Systems, J.M. Hellerstein, J.F. Naughton and A. Pfeffer. *Proceedings of the 21st International Conference on Very Large Data Bases (VLDB)*, Zurich, Switzerland, September 1995.
- An Economic Paradigm for Query Processing and Data Migration in Mariposa, M. Stonebraker, R. Devine, M. Kornacker, W. Litwin, A. Pfeffer, A. Sah, and C. Staelin. *Proceedings of the 3rd International Conference on Parallel and Distributed Database Systems (PDIS)*, September 1994.

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1. Colored Trails: A Formalism for Investigating Decision-Making in Strategic Environments
Ya'akov Gal, Barbara Grosz, Sarit Kraus, Avi Pfeffer and Stuart Shieber.
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2. Specifying and Monitoring Market Mechanisms using Rights and Obligations,
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3. A Language for Opponent Modeling in Repeated Games,
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4. A Bayesian Language for Cumulative Learning, A. Pfeffer. *AAAI Workshop on Learning Statistical Models from Relational Data*, July 2000.



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IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

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- ☐ 1. Learning approaches for detecting and tracking news events
 Yang, Y.; Carbonell, J.G.; Brown, R.D.; Pierce, T.; Archibald, B.T.; Liu, X.;
Intelligent Systems and Their Applications, IEEE [see also IEEE Intelligent Systems]
 Volume 14, Issue 4, July-Aug. 1999 Page(s):32 - 43
 Digital Object Identifier 10.1109/5254.784083
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EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20040030687" and (transverse\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 15:01
L2	1	"20050022114" and (aggregat\$3 or sum\$4 or summariz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 13:29
L3	1586	(aggregat\$5 with relationship\$1) and @ad<"20020301"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 12:56
L4	944	(aggregat\$5 near6 relationship\$1) and @ad<"20020301"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 12:56
L5	27	((aggregat\$5 near6 relationship\$1) and (document\$1 with extract\$4)) and @ad<"20020301"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 13:39
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L7	1	"6694307".pn. and (aggregat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 12:59
L8	1	"6694307".pn. and (aggregat\$5 same relationship\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 13:24

EAST Search History

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L11	0	"6694307".pn. and axiom	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 13:29
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L16	3	((((extract\$3 with position\$1) same inference) and (document\$1 with extract\$4)) and @ad<"20020301"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 14:20

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L20	53	((sum\$4 with (document\$1 or results or search\$2) same (list\$3 with result\$1)) and (document\$1 with extract\$4)) and @ad<"20020301"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 14:21
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S2	2	"20040030687"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 11:42
S3	2	"20030177112" and (ontology or ontological or web)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 14:57

EAST Search History

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S5	71	S4 and (ontology or ontological\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 16:02
S6	1	"6886129".pn. and (ontology or ontological\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 16:02
S7	8	((Extract\$4 near5 rule\$1) same (ontology or ontological)) and (Tag\$1 or HTML or URL)) and @ad<"20020201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 16:24
S8	3	((Extract\$4 near5 rule\$1) same (ontology or ontological)) and (Tag\$1 with URL)) and @ad<"20020201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/27 16:25
S9	13	((Extract\$4 near5 rule\$1) and ((ontology or ontological) with (term\$1 or vocabular\$3))) and (Tag\$1 with URL)) and @ad<"20020201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:48
S10	2	"20050022114"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:23
S11	2	"20030115189"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 09:49

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S13	1	"20040030687" and catalog	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/28 12:46